

## NCERT/CBSE MATHEMATICS CLASS 11 textbook

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MISCELLANEOUS EXERCISES

Answers to NCERT/CBSE MATH (Class XI) textbook

SETS

5. Show that if  $A \subset B$ , then  $C - B \subset C - A$ .

Solution:

Let  $x \in C - B$ , i.e.  $x \in C$ ,  $x \notin B$

But  $A \subset B$ , therefore  $x \notin B \Rightarrow x \notin A$

Now,  $x \in C$ ,  $x \notin A$

i.e.  $x \in C - A$

Therefore  $C - B \subset C - A$

Please do not copy the answer given here

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